

IN THE ABSTRACT:

Please add an abstract as follows:

The disclosure relates to a pore burner, especially for cooking appliances, including a housing provided with at least one inlet for a gas/air mixture as a fuel and/or at least one inlet for air and/or at least one inlet for gas and/or at least one outlet for air and/or gas and/or waste gases. The housing includes at least one dimensionally stable, porous molded body formed of sintered metallic powder and/or pressed metallic wire mesh, on the surface of which and/or in the pore spaces of which are reaction zones for the flame development for forming a surface burner. The disclosure also relates to a pore burner including at least one distribution device for the targeted orientation of part of the gas and/or air flow and/or part of the gas/air mixture flow, said distribution device being at least partially arranged and/or molded in the hollow body in such a way that part of the air and/or gas flow or part of the gas/air mixture flow can be distributed such that the inner wall of the hollow body, especially in the region of the distribution device, has a non-homogeneous pressure distribution.